

INTERNATIONAL SEARCH REPORT

PCT/IB 03/03712

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B28D5/02 B28D5/00 H01L21/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B28D H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 400 004 B1 (CHEN DANIEL ET AL) 4 June 2002 (2002-06-04) column 1, line 65 - column 2, line 2 column 2, line 9 - line 21 column 3, line 62 - column 4, line 3 column 4, line 40 - line 60 column 5, line 31 - line 39 figures 5-7	14,16
Y		1,7, 9-11,13, 15,17
A	--- -/--	4,5,14, 15,18

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the International filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

24 November 2003

Date of mailing of the international search report

02/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 413 150 B1 (BLAIR DAVID B) 2 July 2002 (2002-07-02) column 1, line 33 - line 42 column 1, line 53 - line 60 column 5, line 24 - line 29 column 5, line 39 - line 45 figures	1,7, 9-11,13, 17
A	----- US 2001/005601 A1 (LEE SEONGOO ET AL) 28 June 2001 (2001-06-28) page 6, paragraph 82 -----	2,3,8, 12,15
Y	US 5 678 466 A (WAHL WILFRIED) 21 October 1997 (1997-10-21) the whole document -----	15
A	US 5 678 466 A (WAHL WILFRIED) 21 October 1997 (1997-10-21) the whole document -----	1-3
A	US 6 105 567 A (SUN YONG KYUN ET AL) 22 August 2000 (2000-08-22) column 4, line 6 - line 49 figures -----	1
P,X	US 2002/109973 A1 (FUNAKOSHI MASASHI ET AL) 15 August 2002 (2002-08-15) page 1, paragraph 6 page 4, paragraph 40 page 4, paragraph 47 - paragraph 48 figures 2,3,11 -----	1,7-10, 13-17
P,A	US 6 467 278 B1 (KO SHARON MEI WAN ET AL) 22 October 2002 (2002-10-22) column 2, line 41 -column 3, line 16 figures 1-4 -----	1,13,17
A	EP 1 110 669 A (DISCO CORP) 27 June 2001 (2001-06-27) column 6, paragraph 36 - paragraph 38 figures 1,2,3A-3B,10 -----	1-3

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